

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/808,691
Applicant: Kostenko et al.
Art Unit: 1746
Title: **METHOD AND PROCESSING SYSTEM FOR PLASMA
ENHANCED CLEANING OF SYSTEM COMPONENTS**
Attorney Docket: FKL-017
Confirmation No.: 6065

Cincinnati, Ohio 45202

March 21, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL RESPONSE TO ELECTION/RESTRICTION REQUIREMENT

This paper is further responsive to the Office Action dated March 13, 2007 and the Notice of incomplete Response dated June 14, 2007. The Examiner had indicated that the claims of group I, which Applicant elected, are further subject to a species restriction. Applicants representative apologizes for the oversight. The species include the three monitoring methods, as set forth in claims 5, 6, or 7. Specifically, the species may be identified as:

- (a) using an optical monitoring system to detect light emission or light absorption of a gas in the process chamber;
- (b) using an optical monitoring system to detect interaction of light with at least one of the system component or the material deposit; and
- (c) using a mass sensor to detect a mass signal of a gas in the process chamber.

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Response dated July 5, 2007

Reply to Office Action of March 13, 2007, and Notice of June 14, 2007

Applicant hereby elects species (a), as identified above and in claim 5. For the elected Group I claims, identified as claims 1-17 in Applicants prior response, claims 1-4, 8-12 and 16-17 are generic to all species, and claims 5 and 13 read on the elected species. Thus, examination is requested for claims 1-5, 8-13, and 16-17. Claims 6 and 14 read on species (b) and claims 7 and 15 read on species (c), and are considered currently withdrawn, but Applicant requests consideration of these withdrawn claims upon allowance of one or more generic claims.

Applicants are of the opinion that no additional fee is due as a result of this Amendment. If any charges or credits are necessary to complete this communication, please apply them to Deposit Account No. 23-3000.

Respectfully submitted,

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